

OIEP

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/872,185B

DATE: 01/02/2002

TIME: 09:25:00

Input Set : A:\64080.txt

Output Set: N:\CRF3\01022002\I872185B.raw

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TECH CENTER 1600/2900

3 <110> APPLICANT: Stern, David M.  
 4 Herold, Kevan  
 5 Yan, Shi Du  
 6 Schmidt, Ann Marie  
 7 Lamster, Ira  
 9 <120> TITLE OF INVENTION: METHODS FOR TREATING INFLAMMATION  
 11 <130> FILE REFERENCE: 0575/64080  
 C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/872,185B  
 14 <141> CURRENT FILING DATE: 2001-06-01  
 16 <160> NUMBER OF SEQ ID NOS: 16  
 18 <170> SOFTWARE: PatentIn version 3.1  
 20 <210> SEQ ID NO: 1  
 21 <211> LENGTH: 112  
 22 <212> TYPE: PRT  
 23 <213> ORGANISM: Human  
 25 <400> SEQUENCE: 1  
 27 Ala Gln Asn Ile Thr Ala Arg Ile Gly Glu Pro Leu Val Leu Lys Cys  
 28 1 5 10 15  
 31 Lys Gly Ala Pro Lys Lys Pro Pro Gln Arg Leu Glu Trp Lys Leu Asn  
 32 20 25 30  
 35 Thr Gly Arg Thr Glu Ala Trp Lys Val Leu Ser Pro Gln Gly Gly Gly  
 36 35 40 45  
 39 Pro Trp Asp Ser Val Ala Arg Val Leu Pro Asn Gly Ser Leu Phe Leu  
 40 50 55 60  
 43 Pro Ala Val Gly Ile Gln Asp Glu Gly Ile Phe Arg Cys Gln Ala Met  
 44 65 70 75 80  
 47 Asn Arg Asn Gly Lys Glu Thr Lys Ser Asn Tyr Arg Val Arg Val Tyr  
 48 85 90 95  
 51 Gln Ile Pro Gly Lys Pro Glu Ile Val Asp Ser Ala Ser Glu Leu Thr  
 52 100 105 110  
 55 <210> SEQ ID NO: 2  
 56 <211> LENGTH: 332  
 57 <212> TYPE: PRT  
 58 <213> ORGANISM: Human  
 60 <400> SEQUENCE: 2  
 62 Ala Gln Asn Ile Thr Ala Arg Ile Gly Glu Pro Leu Val Leu Lys Cys  
 63 1 5 10 15  
 66 Lys Gly Ala Pro Lys Lys Pro Pro Gln Arg Leu Glu Trp Lys Leu Asn  
 67 20 25 30  
 70 Thr Gly Arg Thr Glu Ala Trp Lys Val Leu Ser Pro Gln Gly Gly Gly  
 71 35 40 45  
 74 Pro Trp Asp Ser Val Ala Arg Val Leu Pro Asn Gly Ser Leu Phe Leu  
 75 50 55 60  
 78 Pro Ala Val Gly Ile Gln Asp Glu Gly Ile Phe Arg Cys Gln Ala Met  
 79 65 70 75 80  
 82 Asn Arg Asn Gly Lys Glu Thr Lys Ser Asn Tyr Arg Val Arg Val Tyr  
 83 85 90 95

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86 Gln Ile Pro Gly Lys Pro Glu Ile Val Asp Ser Ala Ser Glu Leu Thr
87           100           105           110
90 Ala Gly Val Pro Asn Lys Val Gly Thr Cys Val Ser Glu Gly Ser Tyr
91           115           120           125
94 Pro Ala Gly Thr Leu Ser Trp His Leu Asp Gly Lys Pro Leu Val Pro
95           130           135           140
98 Asn Glu Lys Gly Val Ser Val Lys Glu Gln Thr Arg Arg His Pro Glu
99 145           150           155           160
102 Thr Gly Leu Phe Thr Leu Gln Ser Glu Leu Met Val Thr Pro Ala Arg
103           165           170           175
106 Gly Gly Asp Pro Arg Pro Thr Phe Ser Cys Ser Phe Ser Pro Gly Leu
107           180           185           190
110 Pro Arg His Arg Ala Leu Arg Thr Ala Pro Ile Gln Pro Arg Val Trp
111           195           200           205
114 Glu Pro Val Pro Leu Glu Glu Val Gln Leu Val Val Glu Pro Glu Gly
115           210           215           220
118 Gly Ala Val Ala Pro Gly Gly Thr Val Thr Leu Thr Cys Glu Val Pro
119 225           230           235           240
122 Ala Gln Pro Ser Pro Gln Ile His Trp Met Lys Asp Gly Val Pro Leu
123           245           250           255
126 Pro Leu Pro Pro Ser Pro Val Leu Ile Leu Pro Glu Ile Gly Pro Gln
127           260           265           270
130 Asp Gln Gly Thr Tyr Ser Cys Val Ala Thr His Ser Ser His Gly Pro
131           275           280           285
134 Gln Glu Ser Arg Ala Val Ser Ile Ser Ile Ile Glu Pro Gly Glu Glu
135           290           295           300
138 Gly Pro Thr Ala Gly Ser Val Gly Gly Ser Gly Leu Gly Thr Leu Ala
139 305           310           315           320
142 Leu Ala Leu Gly Ile Leu Gly Gly Leu Gly Thr Ala
143           325           330
146 <210> SEQ ID NO: 3
147 <211> LENGTH: 30
148 <212> TYPE: PRT
149 <213> ORGANISM: Human
151 <400> SEQUENCE: 3
153 Ala Gln Asn Ile Thr Ala Arg Ile Gly Glu Pro Leu Val Leu Lys Cys
154 1           5           10           15
157 Lys Gly Ala Pro Lys Lys Pro Pro Gln Arg Leu Glu Trp Lys
158           20           25           30
161 <210> SEQ ID NO: 4
162 <211> LENGTH: 30
163 <212> TYPE: PRT
164 <213> ORGANISM: Murine
166 <400> SEQUENCE: 4
168 Gly Gln Asn Ile Thr Ala Arg Ile Gly Glu Pro Leu Val Leu Ser Cys
169 1           5           10           15
172 Lys Gly Ala Pro Lys Lys Pro Pro Gln Gln Leu Glu Trp Lys
173           20           25           30
176 <210> SEQ ID NO: 5

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177 <211> LENGTH: 30
178 <212> TYPE: PRT
179 <213> ORGANISM: Rat
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184 1 5 10 15
187 Lys Ala Ala Pro Lys Lys Pro Thr Gln Lys Leu Glu Trp Lys
188 20 25 30
191 <210> SEQ ID NO: 6
192 <211> LENGTH: 30
193 <212> TYPE: PRT
194 <213> ORGANISM: bovine
196 <400> SEQUENCE: 6
198 Asp Gln Asn Ile Thr Ala Arg Ile Gly Lys Pro Leu Val Leu Asn Cys
199 1 5 10 15
202 Lys Gly Ala Pro Lys Lys Pro Pro Gln Gln Leu Glu Trp Lys
203 20 25 30
206 <210> SEQ ID NO: 7
207 <211> LENGTH: 30
208 <212> TYPE: PRT
209 <213> ORGANISM: Human
211 <400> SEQUENCE: 7
213 Ala Gln Asn Ile Thr Ala Arg Ile Gly Glu Pro Leu Val Leu Lys Cys
214 1 5 10 15
217 Lys Gly Ala Pro Lys Lys Pro Pro Gln Arg Leu Glu Trp Lys
218 20 25 30
221 <210> SEQ ID NO: 8
222 <211> LENGTH: 10
223 <212> TYPE: PRT
224 <213> ORGANISM: Human
226 <400> SEQUENCE: 8
228 Ala Gln Asn Ile Thr Ala Arg Ile Gly Glu
229 1 5 10
232 <210> SEQ ID NO: 9
233 <211> LENGTH: 50
234 <212> TYPE: PRT
235 <213> ORGANISM: Bovine
237 <220> FEATURE:
238 <221> NAME/KEY: MISC_FEATURE
239 <222> LOCATION: (47)..(47)
240 <223> OTHER INFORMATION: Where Xaa = unknown
243 <400> SEQUENCE: 9
245 Thr Lys Leu Glu Asp His Leu Glu Gly Ile Ile Asn Ile Gly His Gln
246 1 5 10 15
249 Tyr Ser Val Arg Val Gly His Phe Asp Thr Leu Asn Lys Tyr Glu Leu
250 20 25 30
253 Lys Gln Leu Gly Thr Lys Glu Leu Pro Lys Thr Leu Gln Asn Xaa Lys
254 35 40 45
257 Asp Gln

```

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258      50
261 <210> SEQ ID NO: 10
262 <211> LENGTH: 18
263 <212> TYPE: PRT
264 <213> ORGANISM: Bovine
266 <400> SEQUENCE: 10
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269 1      5      10      15
272 Leu Lys
276 <210> SEQ ID NO: 11
277 <211> LENGTH: 90
278 <212> TYPE: PRT
279 <213> ORGANISM: Bovine
281 <400> SEQUENCE: 11
283 Thr Lys Leu Glu Asp His Leu Glu Gly Ile Ile Asn Ile Phe His Gln
284 1      5      10      15
287 Tyr Ser Val Arg Val Gly His Phe Asp Thr Leu Asn Lys Arg Glu Leu
288      20      25      30
291 Lys Gln Leu Ile Thr Lys Glu Leu Pro Lys Thr Leu Gln Asn Thr Lys
292      35      40      45
295 Asp Gln Pro Thr Ile Asp Lys Ile Phe Gln Asp Leu Asp Ala Asp Lys
296      50      55      60
299 Asp Gly Ala Val Ser Phe Glu Glu Phe Val Val Leu Val Ser Arg Val
300 65      70      75      80
303 Leu Lys Thr Ala His Ile Asp Ile His Lys
304      85      90
307 <210> SEQ ID NO: 12
308 <211> LENGTH: 90
309 <212> TYPE: PRT
310 <213> ORGANISM: Bovine
312 <400> SEQUENCE: 12
314 Thr Lys Leu Glu Asp His Leu Glu Gly Ile Ile Asn Ile Phe His Gln
315 1      5      10      15
318 Tyr Ser Val Arg Val Gly His Phe Asp Thr Leu Asn Lys Arg Glu Leu
319      20      25      30
322 Lys Gln Leu Ile Thr Lys Glu Leu Pro Lys Thr Leu Gln Asn Thr Lys
323      35      40      45
326 Asp Gln Pro Thr Ile Asp Lys Ile Phe Gln Asp Leu Asp Ala Asp Lys
327      50      55      60
330 Asp Gly Ala Val Ser Phe Glu Glu Phe Val Val Leu Val Ser Arg Val
331 65      70      75      80
334 Leu Lys Thr Ala His Ile Asp Ile His Lys
335      85      90
338 <210> SEQ ID NO: 13
339 <211> LENGTH: 21
340 <212> TYPE: DNA
341 <213> ORGANISM: Human
343 <400> SEQUENCE: 13
344 gtaagcgggg ctctgttgc a

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RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/872,185B

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Input Set : A:\64080.txt  
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347 <210> SEQ ID NO: 14
348 <211> LENGTH: 21
349 <212> TYPE: DNA
350 <213> ORGANISM: Artificial Sequence
352 <220> FEATURE:
353 <223> OTHER INFORMATION: Description of Artificial Sequence: Antisense Primer
355 <400> SEQUENCE: 14
356 gqccaagggt ggggttgaag g
359 <210> SEQ ID NO: 15
360 <211> LENGTH: 9
361 <212> TYPE: PRF
362 <213> ORGANISM: Human
364 <220> FEATURE:
365 <221> NAME/KEY: MISC_FEATURE
366 <222> LOCATION: (1)..(9)
367 <223> OTHER INFORMATION: Peptide Conserved Across Mammals
370 <400> SEQUENCE: 15
372 Ala Ser Gln Arg Lys Pro Ser Gln Arg
373 1 5
376 <210> SEQ ID NO: 16
377 <211> LENGTH: 395
378 <212> TYPE: DNA
379 <213> ORGANISM: Bovine
381 <400> SEQUENCE: 16
382 atgactaagc tggaggacca cctggaggga atcatcaaca tcttccacca gtactccgtt
384 cgggtggggc atttcgacac cctcaacaag cgtgagctga agcagctgat cacaaggga
386 acttcccaaa accctccaga acaccaaaga ccaacctacc attgacaaaa tattccaaga
388 cctggatgcc gataaagacg gagccgtcag ctttgaggaa ttcgtagtcc tgggtgccag
390 ggtgctgaaa acagcccaca tagatatcca caaagagtag gtttcagca atgttcccaa
392 gaagacttac ccttctctc cctgaggctg ctccccgagg gagagagaat tataaacgta
394 ctttggcaaa ttcttagcaa aaaaaaaaaa aaaaa

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VERIFICATION SUMMARY

PATENT APPLICATION: US/09/872,185B

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L:13 M:270 C: Current Application Number differs, Replaced Current Application Number  
L:253 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9